

In The Claims:

Claims 1-5 (Cancelled).

6. (Currently Amended) ~~The system of claim 5 wherein~~ A system for creating a still image of a target object by utilizing a video camera, comprising:
a support device configured to transport said video camera across said target object during a scanning procedure to capture a contiguous frame sequence of video data corresponding to said target object; and
a scanning manager coupled to said video camera for analyzing scan motion data from said scanning procedure, and responsively extracting still frames from said contiguous frame sequence at a selectable time interval to represent said target object as said still image, said selectable time interval being greater than a standard video frame duration from said contiguous frame sequence, said support device including a cradle that is initially positioned at a starting index of a scan track to allow said video camera to frame said target object using a focus mechanism and a zoom mechanism, a system user enters entering scan parameters into said video camera for performing said scanning procedure, said scan parameters including a scan speed control, a scan direction control, a still frame time interval control, a scan overlap control, and a scan resolution control.

7. (Previously Presented) A system for creating a still image of a target object by utilizing a video camera, comprising:

a support device configured to transport said video camera across said target object during a scanning procedure to capture a contiguous frame sequence of video data corresponding to said target object, said support device including a cradle that is initially positioned at a starting index of a scan track to allow said video camera to frame said target object using at least one of a focus mechanism and a zoom mechanism, a system user entering scan parameters into said video camera for performing said scanning procedure, said scan parameters including at least one of a scan speed control, a scan direction control, a still frame time interval control, a scan overlap control, and a scan resolution control; and

a scanning manager coupled to said video camera for analyzing scan motion data from said scanning procedure, and responsively extracting still frames from said contiguous frame sequence at a selectable time interval to represent said target object as said still image, said video camera generating an error warning on a user interface when said system user enters an invalid scan parameter, said invalid scan parameter including a negative overlap setting which would cause said still images to be aligned in excess of a minimum adjacent still image overlap value.

Claim 8 (Cancelled).

9. (Currently Amended) ~~The system of claim 8 wherein~~ A system for creating a still image of a target object by utilizing a video camera, comprising:
a support device configured to transport said video camera across said target object during a scanning procedure to capture a contiguous frame sequence of video data corresponding to said target object; and
a scanning manager coupled to said video camera for analyzing scan motion data from said scanning procedure, and responsively extracting still frames from said contiguous frame sequence at a selectable time interval to represent said target object as said still image; said selectable time interval being greater than a standard video frame duration from said contiguous frame sequence, said support device including a cradle that is initially positioned at a starting index of a scan track to allow said video camera to frame said target object using a focus mechanism and a zoom mechanism, said cradle beginning to travel along said scan track during said scanning procedure, said video camera responsively beginning to capture and store said video data that corresponds to said target object, a display manager in said video camera displays displaying an active scan mode indicator on a user interface of said video camera during said scanning procedure, said active scan mode indicator displaying user settings for said scan parameters including a scan speed, a scan direction, and said selectable time interval.

Claims 10-25

(Cancelled).

26. (Currently Amended) ~~The method of claim 25 wherein~~ A method for creating a still image of a target object by utilizing a video camera, comprising:
transporting said video camera across said target object with a support device during a scanning procedure to capture a contiguous frame sequence of video data corresponding to said target object;
analyzing scan motion data from said scanning procedure with a scanning manager; and
extracting still frames from said contiguous frame sequence at a selectable time interval to represent said target object as said still image, said selectable time interval being greater than a standard video frame duration from said contiguous frame sequence, said support device including a cradle that is initially positioned at a starting index of a scan track to allow said video camera to frame said target object using a focus mechanism and a zoom mechanism, a system user ~~enters~~ entering scan parameters into said video camera for performing said scanning procedure, said scan parameters including a scan speed control, a scan direction control, a still frame time interval control, a scan overlap control, and a scan resolution control.

27. (Previously Presented) A method for creating a still image of a target object by utilizing a video camera, comprising the steps of:

transporting said video camera across said target object with a support device during a scanning procedure to capture a contiguous frame sequence of video data corresponding to said target object, said support device including a cradle that is initially positioned at a starting index of a scan track to allow said video camera to frame said target object using at least one of a focus mechanism and a zoom mechanism, a system user entering scan parameters into said video camera for performing said scanning procedure, said scan parameters including at least one of a scan speed control, a scan direction control, a still frame time interval control, a scan overlap control, and a scan resolution control;

analyzing scan motion data from said scanning procedure with a scanning manager; and

extracting still frames from said contiguous frame sequence at a selectable time interval to represent said target object as said still image, said video camera generating an error warning on a user interface when said system user enters an invalid scan parameter, said invalid scan parameter including a negative overlap setting which would cause said still images to be aligned in excess of a minimum adjacent still image overlap value.

Claim 28 (Cancelled).

29. (Currently Amended) ~~The method of claim 28 wherein~~ A method for creating a still image of a target object by utilizing a video camera, comprising:
transporting said video camera across said target object with a support device
during a scanning procedure to capture a contiguous frame sequence of
video data corresponding to said target object;
analyzing scan motion data from said scanning procedure with a scanning
manager; and
extracting still frames from said contiguous frame sequence at a selectable
time interval to represent said target object as said still image, said
selectable time interval being greater than a standard video frame
duration from said contiguous frame sequence, said support device
including a cradle that is initially positioned at a starting index of a scan
track to allow said video camera to frame said target object using a focus
mechanism and a zoom mechanism, said cradle beginning to travel
along said scan track during said scanning procedure, said video
camera responsively beginning to capture and store said video data that
corresponds to said target object, a display manager in said video
camera displays displaying an active scan mode indicator on a user
interface of said video camera during said scanning procedure, said
active scan mode indicator displaying user settings for said scan
parameters including a scan speed, a scan direction, and said selectable
time interval.

Claims 30-47

(Cancelled).

48. (Currently Amended) ~~The method of claim 21 wherein~~ A method for creating a still image of a target object by utilizing a video camera, comprising:
transporting said video camera across said target object with a support device
during a scanning procedure to capture a contiguous frame sequence of
video data corresponding to said target object;
analyzing scan motion data from said scanning procedure with a scanning
manager; and
extracting still frames from said contiguous frame sequence at a selectable
time interval to represent said target object as said still image, said
selectable time interval being greater than a standard video frame
duration from said contiguous frame sequence, a system user reduces
reducing said selectable time interval to create a greater overlap region
and produce greater resolution characteristics in said still image.

49. (Currently Amended) ~~The method of claim 21 wherein~~ A method for creating a still image of a target object by utilizing a video camera, comprising:
transporting said video camera across said target object with a support device
during a scanning procedure to capture a contiguous frame sequence of
video data corresponding to said target object;
analyzing scan motion data from said scanning procedure with a scanning
manager; and
extracting still frames from said contiguous frame sequence at a selectable
time interval to represent said target object as said still image, said
selectable time interval being greater than a standard video frame
duration from said contiguous frame sequence, a system user increases
increasing said selectable time interval to create a smaller overlap region
and require less processing to produce said still image.